

Task 2 : Custom Component oluřturması

1-items.xml dosyasında CarComponent adına yeni bir item type yaptım (3 attribut'lu);

```
</itemtype>

<itemtype code="CarComponent" generate="true" autocreate="true" extends="SimpleCMSComponent" jaloclass="com.avansas.components.jalo
<description>Car Product Component</description>
<attributes>
  <attribute qualifier="carName" type="localized:java.lang.String">
    <persistence type="property" />
    <modifiers read="true" write="true" />
  </attribute>
  <attribute qualifier="carId" type="localized:java.lang.Integer">
    <persistence type="property" />
    <modifiers read="true" write="true" />
  </attribute>
  <attribute qualifier="carPrice" type="localized:java.lang.Double">
    <persistence type="property" />
    <modifiers read="true" write="true" />
  </attribute>
</attributes>
</itemtype>
```

Tag name: autocreate
Description: If 'true', the item will be created during initialization. Default is 'true'.
avansascomponents
'xs:attribute' on www.w3.org

Ardından model oluřturmak için ant clean all ile build yaptım .

```

package com.avansas.components.model;

import ...

    Generated model class for type CarComponent first defined at extension avansascomponents.
    Car Product CComponent.
/all/
public class CarComponentModel extends SimpleCMSComponentModel
{
    Generated model type code constant.
    public final static String _TYPECODE = "CarComponent";

    Generated constant - Attribute key of CarComponent . carName attribute defined at extension
    avansascomponents.
    public static final String CARNAME = "carName";

    Generated constant - Attribute key of CarComponent . carId attribute defined at extension
    avansascomponents.
    public static final String CARID = "carId";

    Generated constant - Attribute key of CarComponent . carPrice attribute defined at extension
    avansascomponents.
    public static final String CARPRICE = "carPrice";

    Generated constructor - Default constructor for generic creation.
    public CarComponentModel() { super(); }

    Generated constructor - Default constructor for creation with existing context
    Params: ctx - the model context to be injected, must not be null
    public CarComponentModel(final ItemModelContext ctx) { super(ctx); }

    Generated constructor - Constructor with all mandatory attributes.
    Deprecated Since 4.1.1 Please use the default constructor without parameters
    Params:
        _catalogVersion - initial attribute declared by type CMSItem at extension cms2
        _uid - initial attribute declared by type CMSItem at extension cms2

```

2-Modelim oluştuktan sonra CarComponentController diye bir controller ve front end html sayfam için jsp file yaptım .

```

package com.avansas.controllers.cms;

import com.avansas.components.model.CarComponentModel;
import com.avansas.controllers.ControllerConstants;
import org.springframework.stereotype.Controller;
import org.springframework.ui.Model;
import org.springframework.web.bind.annotation.RequestMapping;

import javax.servlet.http.HttpServletRequest;

no usages
@Controller("CarComponentController")
@RequestMapping(value= "${ControllerConstants.Actions.Cms.CarComponent}")
public class CarComponentController extends AbstractCMSComponentController<CarComponentModel>{
    @Override
    protected void fillModel(HttpServletRequest request, Model model, CarComponentModel component) {
        model.addAttribute("${CarName}",component.getCarName());
        model.addAttribute("${CarId}",component.getCarId());
        model.addAttribute("${CarPrice}",component.getCarPrice());
    }
}

```

Requestmapping değerini tanıması için ControllerConstants'da tanımlıyoruz.

```

1 usage
String CarComponent = _Prefix + CarComponentModel._TYPECODE + _Suffix;

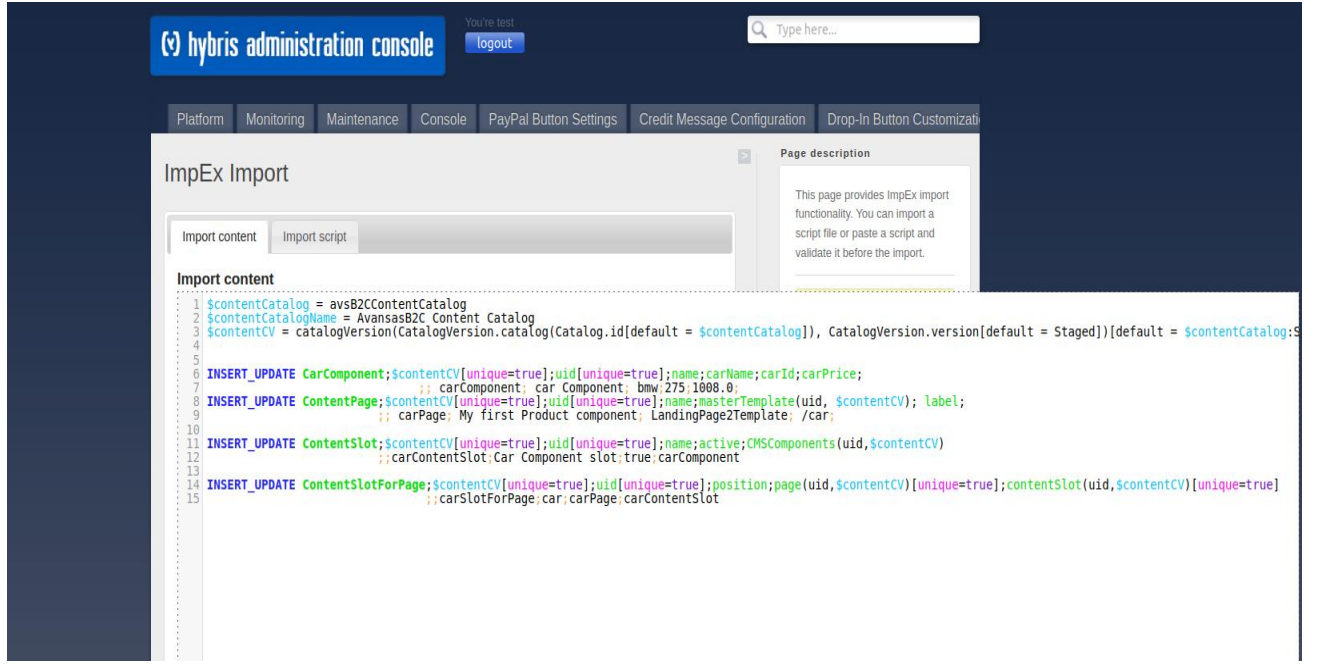
```

```

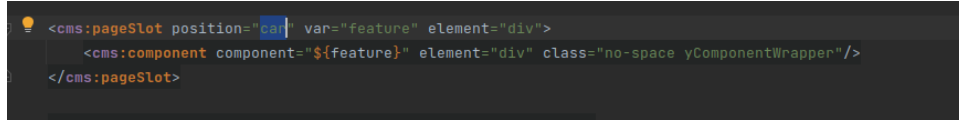
<%@ page contentType="text/html; charset=UTF-8" language="java" %>
<html>
<body>
    <h1>
        name = ${CarName}<br>
        id = ${CarId}<br>
        price = ${CarPrice};
    </h1>
</body>
</html>

```

3-avsB2CContentCatalog'ta olan cms-content.impex sayfasında impeximizi hazırlıyoruz.



Ve impex'te verdiğimi position adını LandingLayout2Page.jsp dosyasında belirliyoruz(component'imizi orada çağırarak)



4- Her şey hazır olduğundan emin olunca hazırladığım impexi bastım ve backoffice'te kontrol ettim.başarılı çıktı.

5-impex'te verdiğim path'i url'e yazdığımda sayfam bilgileriyle beraber gelmektedir.

